

**EXAMINER'S AMENDMENT & REASONS FOR ALLOWANCE**

**I. EXAMINER'S AMENDMENT:**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the Issue Fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Sujit B. Kotwal (Reg. No. 43,336) on 10/07/2008.

**The application has been amended as follows:**

**In the Claims:**

**This listing of claims will replace all prior versions, and listings, of claims in the application:**

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1. (Currently Amended) A computer-implemented method of processing electronic forms, the method comprising:

receiving information identifying a first electronic form, said received ;

determining a set of descriptors associated with a set of fields included in the first electronic form, the set of descriptors including a first descriptor associated with a first field, wherein the set of descriptors associated with the set of fields included in the first electronic form includes field names associated with the set of fields and the set of identifiers stored for the user comprises one or more field names associated with the set of fields;

accessing user information from a computer memory, said user information comprising information identifying a set of identifiers stored for a user, the set of identifiers stored for the user including a first identifier corresponding to the first descriptor, wherein a first value is associated with the first identifier,

displaying the first electronic form on a computer display such that the first value is displayed in the first field of the first electronic form;

identifying at least a second descriptor associated with a field in the first electronic form that does not have a corresponding identifier in the set of identifiers stored for the user;

determining a second value entered in the field associated with the second descriptor; [[and]]

automatically updating the set of descriptors whereby an identifier corresponding to the second descriptor is included in the set of identifiers stored

for the user and the second value is associated with the identifier corresponding to the second descriptor;

determining a third value entered in the first field of the first electronic form that is different from the first value; and  
automatically updating the user information such that the third value is associated with the first identifier.

2. (Canceled)

3. (Original) The method of claim 1 further comprising:  
receiving information identifying a second electronic form;  
determining a set of descriptors associated with a set of fields included in the second electronic form, the set of descriptors including the second descriptor;  
and displaying the second electronic form on a computer display such that the second value is displayed in the field of the second electronic form associated with the second descriptor.

4.-6. (Canceled)

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7. (Currently Amended) A computer program product stored on a computer-readable medium for controlling a processor to process electronic forms, the computer program product comprising:

code for receiving information identifying a first electronic form; code for determining a set of descriptors associated with a set of fields included in the first electronic form, the set of descriptors including a first descriptor associated with a first field, wherein the set of descriptors associated with the set of fields included in the first electronic form includes field names associated with the set of fields and the set of identifiers stored for the user comprises one or more field names associated with the set of fields;

code for accessing user information comprising information identifying a set of identifiers stored for a user, the set of identifiers stored for the user including a first identifier corresponding to the first descriptor, wherein a first value is associated with the first identifier;

code for displaying the first electronic form on a computer display such that the first value is displayed in the first field of the first electronic form;

code for identifying at least a second descriptor associated with a field in the first electronic form that does not have a corresponding identifier in the set of identifiers stored for the user;

code for determining a second value entered in the field associated with the second descriptor; [[and]]

code for automatically updating the set of descriptors whereby an identifier corresponding to the second descriptor is included in the set of identifiers stored for the user and the second value is associated with the identifier corresponding to the second descriptor;

code for determining a third value entered in the first field of the first electronic form that is different from the first value; and

code for automatically updating the user information such that the third value is associated with the first identifier.

8. (Canceled)

9. (Original) The computer program product of claim 7 further comprising:  
code for receiving information identifying a second electronic form;  
code for determining a set of descriptors associated with a set of fields included in the second electronic form, the set of descriptors including the second descriptor; and

code for displaying the second electronic form on a computer display such that the second value is displayed in the field of the second electronic form associated with the second descriptor.

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10. -12. (Canceled)

13. (Currently Amended) A system comprising:

a memory storing user information, the user information comprising information identifying a set of identifiers stored for a user, the set of identifiers stored for the user including

a first identifier corresponding to a first descriptor, wherein a first value is associated with the first identifier; and

a processor coupled to the memory;

wherein the processor is configured to:

receive information identifying a first electronic form;

determine a set of descriptors associated with a set of fields included in the first electronic form, the set of descriptors including a the first descriptor associated with a first field, wherein the set of descriptors associated with the set of fields included in the first electronic form includes field names associated with the set of fields and the set of identifiers stored for the user comprises one or more field names associated with the set of fields;

cause the first electronic form to be displayed such that the first value is displayed in the first field of the first electronic form;

identify at least a second descriptor associated with a field in the first electronic form that does not have a corresponding identifier in the set of identifiers stored for the user;

determine a second value entered in the field associated with the second descriptor; [[and]]

automatically update the set of descriptors whereby an identifier corresponding to the second descriptor is included in the set of identifiers stored for the user and the second value is associated with the identifier corresponding to the second descriptor;

determine a third value entered in the first field of the first electronic form that is different from the first value; and

automatically update the user information such that the third value is associated with the first identifier.

14. (Canceled)

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15. (Previously Presented) The system of claim 13 wherein the processor is further configured to:

receive information identifying a second electronic form;

determine a set of descriptors associated with a set of fields included in the second electronic form, the set of descriptors including the second descriptor; and

cause the second electronic form to be displayed such that the second value is displayed in the field of the second electronic form associated with the second descriptor.

16.-20. (Canceled)

## **II. REASONS FOR ALLOWANCE:**

Claims 1, 3, 7, 9, 13, and 15 are allowed.

The following is an examiner's statement of reasons for allowance:



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Interpreting the claims in light of the specification, Examiner finds the claimed invention is patentably distinct from the prior art of record, as argued by Applicant in the Response dated 07/23/2008.

Although the specification does not provide antecedent bases for the limitation “*computer readable medium*” (as recited in independent Claim 7), Applicant’s specification [para.0042] discloses:

[0042] Memory subsystem 208 may include a number of memories including a main random access memory (RAM) 218 for storage of instructions and data during program execution and a read only memory (ROM) 220 in which fixed instructions are stored. File storage subsystem 210 provides persistent (non-volatile) storage for program and data files, and may include a hard disk drive, a floppy disk drive along with associated removable media, a Compact Disk Read Only Memory (CD-ROM) drive, an optical drive, removable media cartridges, and other like storage media.

It would reasonably be interpreted by one of ordinary skill in the art that the teaching as identified above constitutes a “*computer readable medium*” and limits the medium to a computer-readable storage medium.

The closest prior art:

**Rawat et al.** (US Patent No. 6662340) teaches receive information identifying a first electronic form [See Col. col. 4, lines 28-42]; determine a set of descriptors associated with a set of fields included in the first electronic form, the set of

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descriptors including a the first descriptor associated with a first field; accessing user information comprising information identifying a set of identifiers stored for a user, the set of identifiers stored for the user including a first identifier corresponding to the first descriptor [See Col.4, lines 28-62 and Col. 7, line 41- Col. 8, line 67], wherein a first value is associated with the first identifier [See Col. 4, lines 43- 62 and Col. 5, line 51- Col.6, line 39]; displaying the first electronic form on a computer display such that the first value is displayed in the first field of the first electronic form [See Col. 7, line 40 – Col. 8, line 6 and Fig.1]; determine a second value entered in the field associated with the second descriptor [See Col. 6, line 2 – Col. 7, line 34].

**Center et al.** (US 2003/0171964) discloses a system and method for identifying dealer locations to customers while giving priority to those dealer locations with which the customer has had prior business relationships.

The prior art does not expressly teach in combination all Applicant's claimed limitations. In particular, **independent Claims 1, 7, and 13** recite the features:

*"identify at least a second descriptor associated with a field in the first electronic form that does not have a corresponding identifier in the set of identifiers stored for the user; automatically update the set of descriptors whereby an identifier corresponding to the second descriptor is included in the set of identifiers stored*

*for the user and the second value is associated with the identifier corresponding to the second descriptor; and automatically update the user information such that the third value is associated with the first identifier.*

The Examiner asserts that the claims overcome the prior art of record when the limitations are read in combination with the respective claimed limitations in their entirety.

Dependent claims are allowed as they depend upon allowable independent claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### **Contact information**

- III. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Maikhanh Nguyen whose telephone number is (571) 272- 4093. The examiner can normally be reached on Monday - Friday from 9:00am – 30 pm. If attempts to reach the examiner by telephone are

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unsuccessful, the examiner's supervisor, Doug Hutton can be reached at (571) 272-4137.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Maikhanh Nguyen/  
Examiner, Art Unit 2176

*/Doug Hutton/*  
Doug Hutton  
Supervisory Primary Examiner  
Technology Center 2100